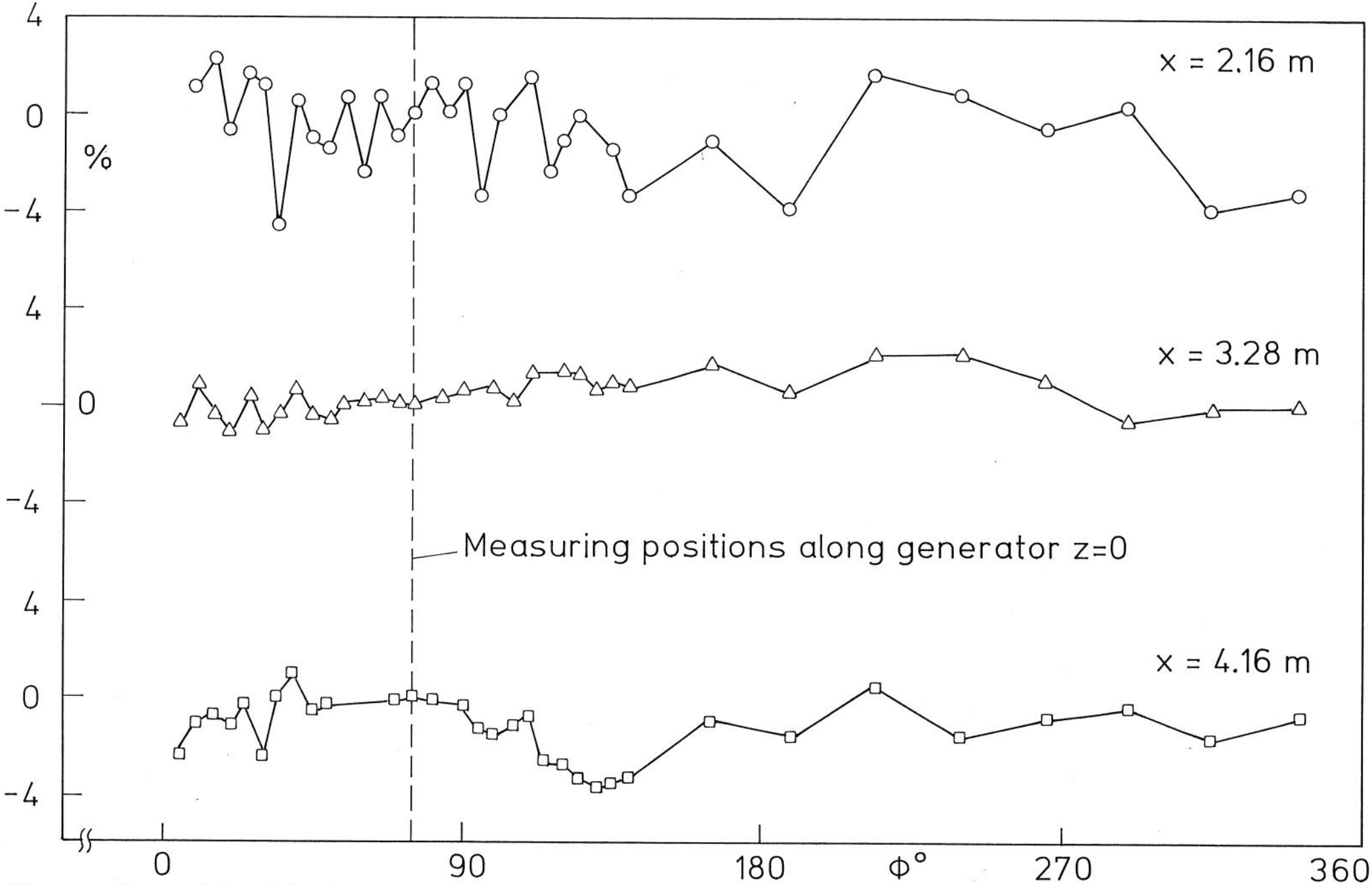
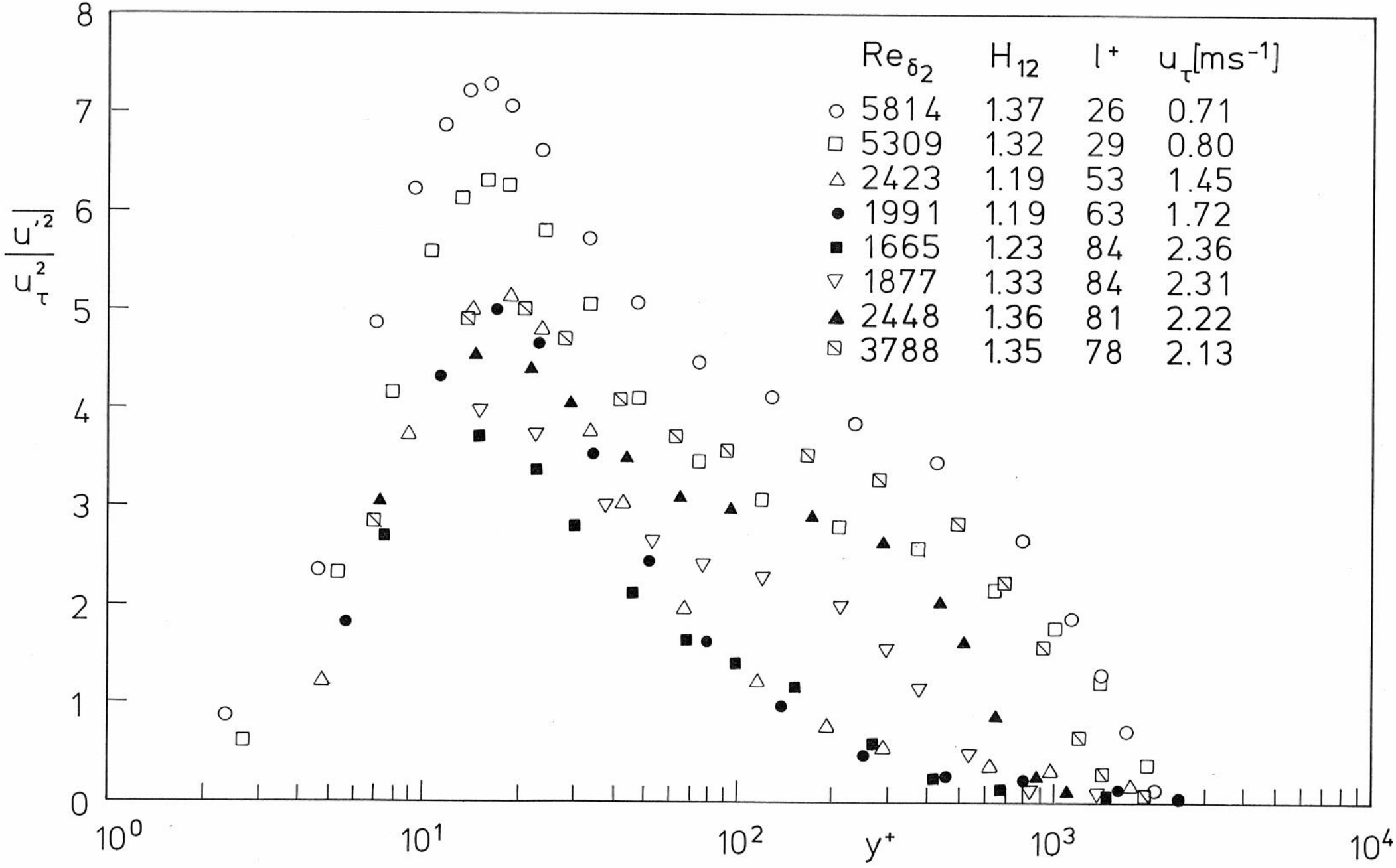
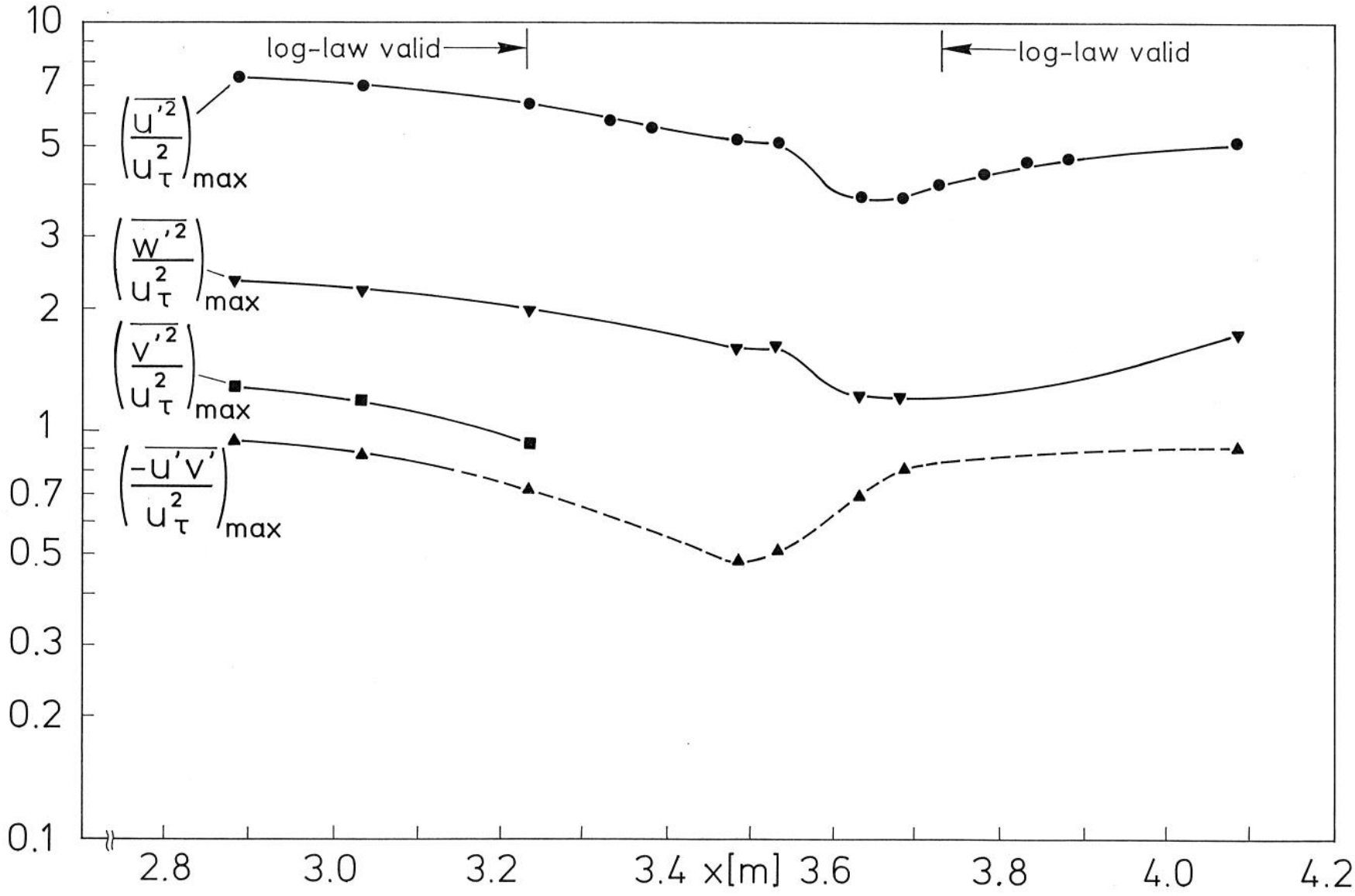


Spanwise skin-friction distribution at three streamwise positions in a FPG boundary layer (Case 1). Deviation from the value at the reference measuring position in %.



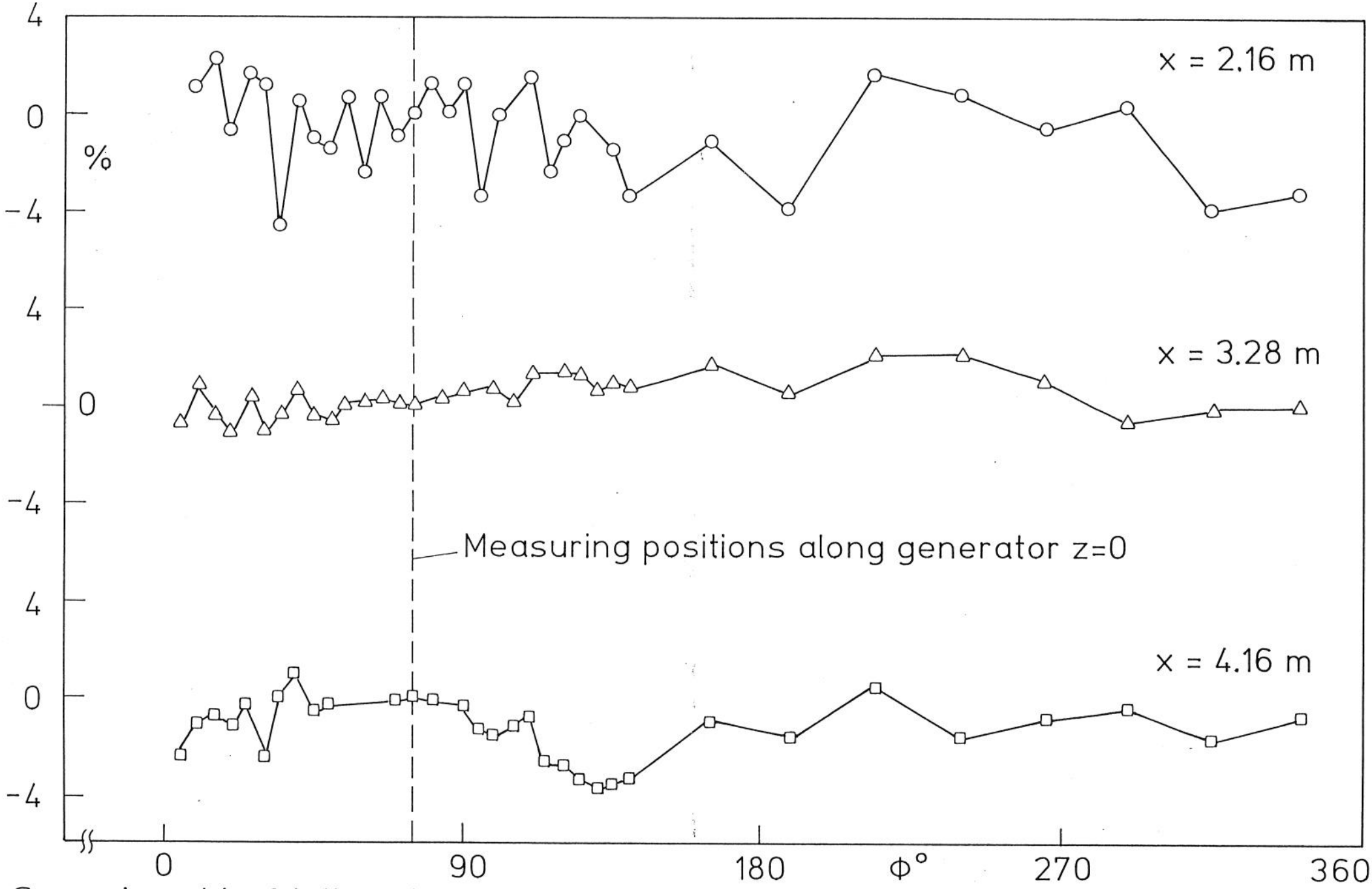
Profiles of the Reynolds normal-stress component $\overline{\rho}\overline{u'^2}$ in a FPG turbulent boundary layer. Case 3.

Fig 26 Pt 1

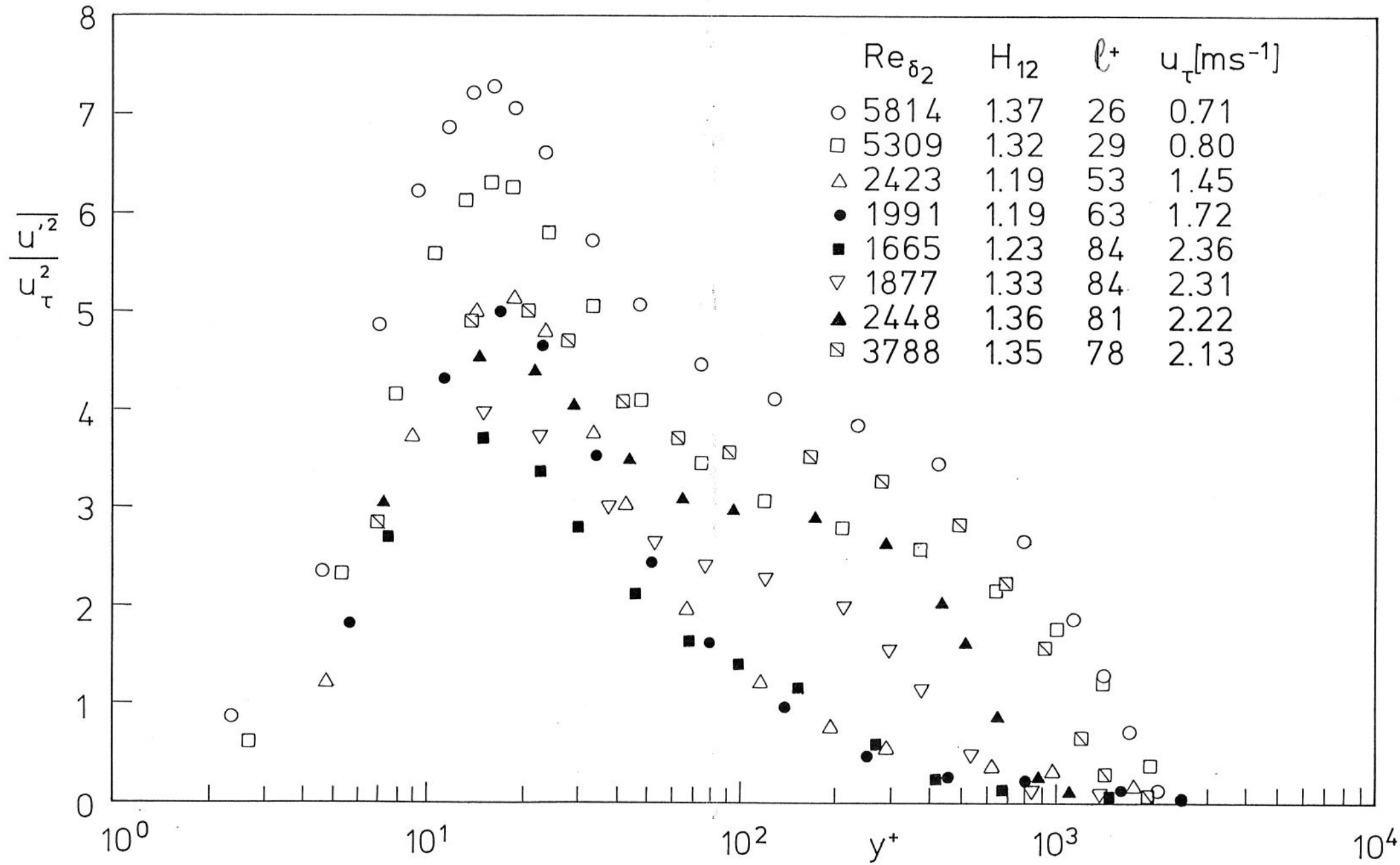


Streamwise development of the maxima of the Reynolds stress profiles in a FPG turbulent boundary layer. (lines are for visual aid only). Case 3.

Fig 27 Pt 1

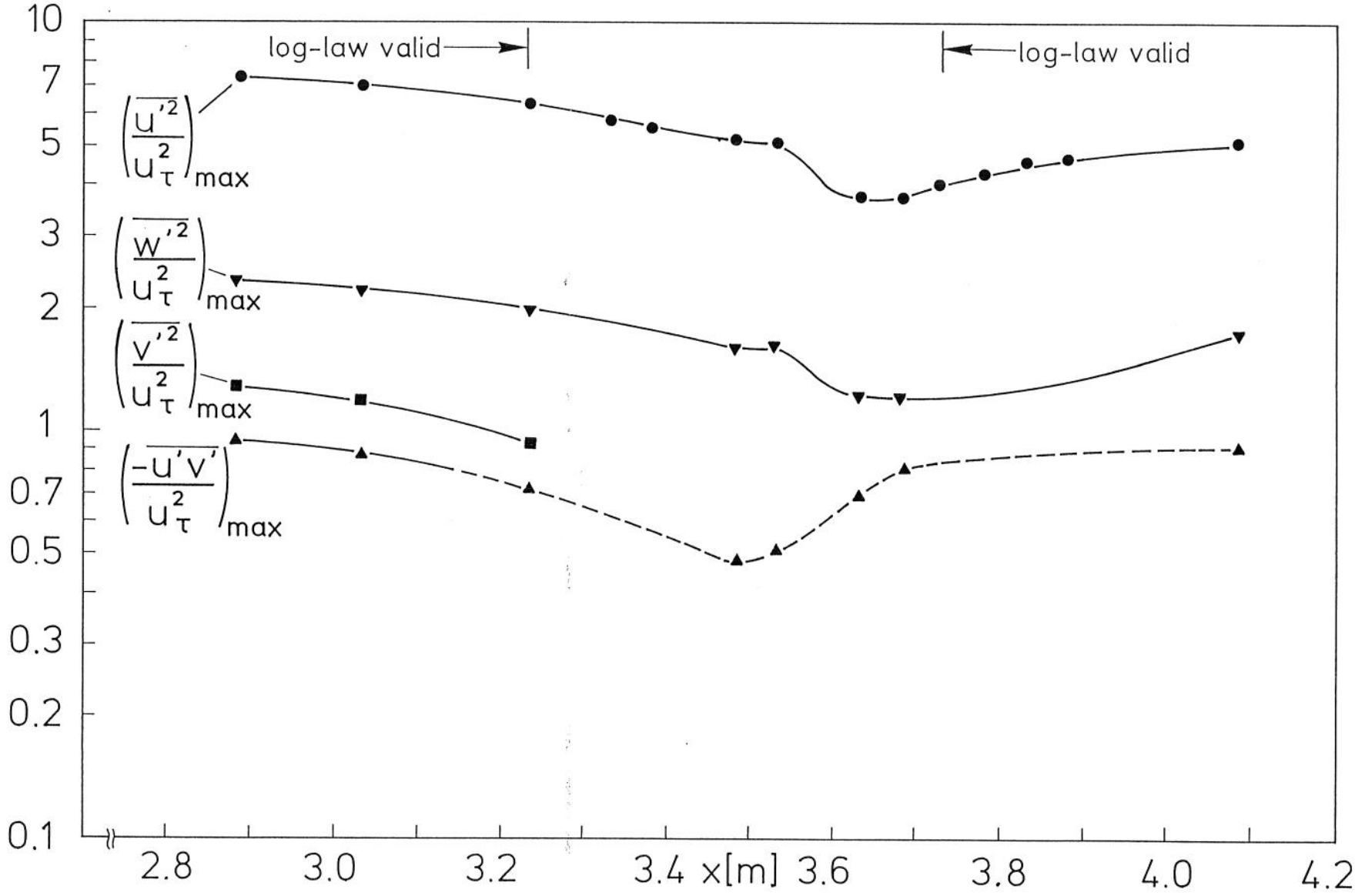


Spanwise skin-friction distribution at three streamwise positions in a FPG boundary layer (Case 1). Deviation from the value at the reference measuring position in %.



Profiles of the Reynolds normal-stress component $\overline{\rho u'^2}$ in a FPG turbulent boundary layer. Case 3.

Fig 26 Pt 1



Streamwise development of the maxima of the Reynolds stress profiles in a FPG turbulent boundary layer. (lines are for visual aid only). Case 3.

Fig 27 Pt 1

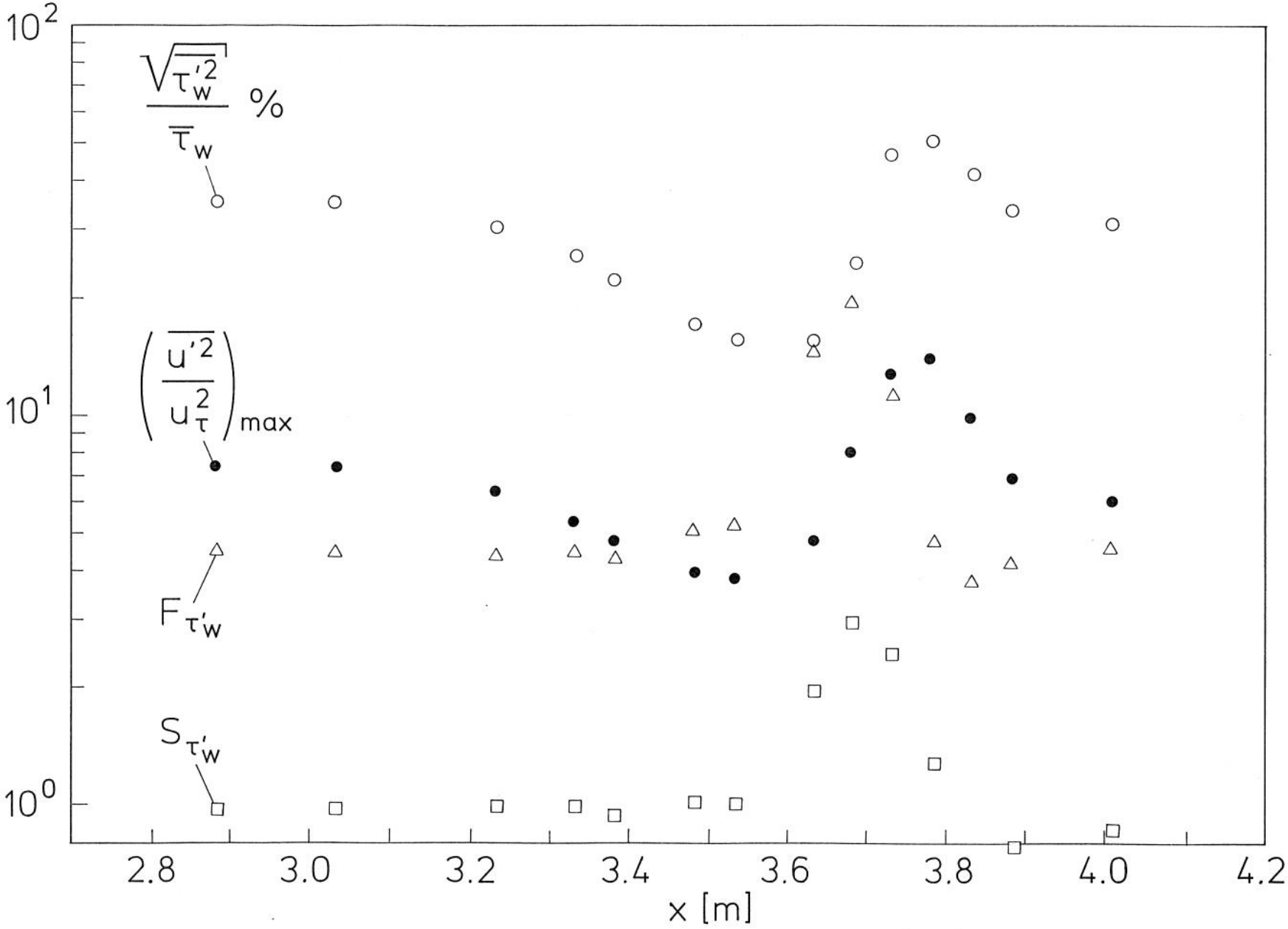
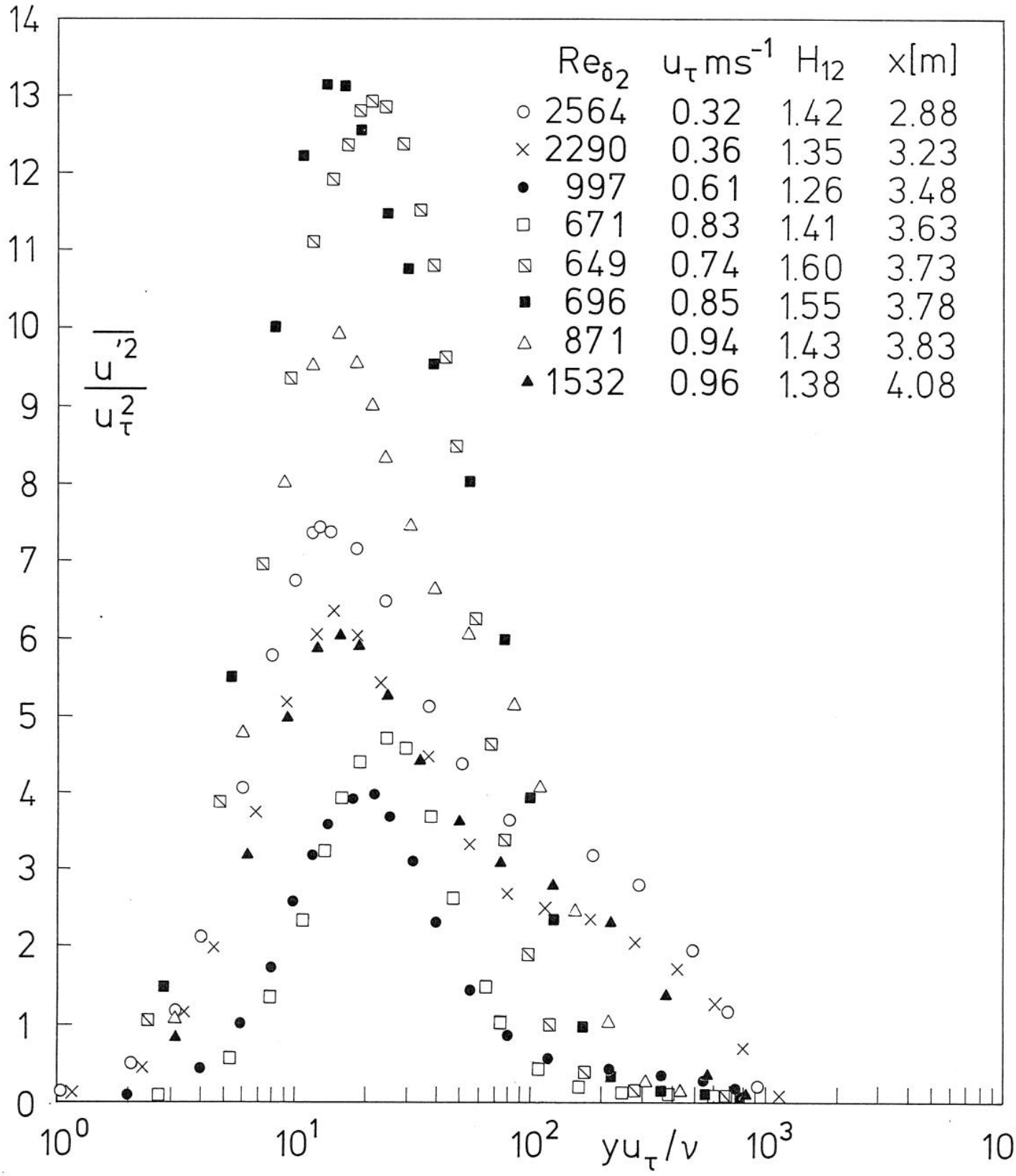


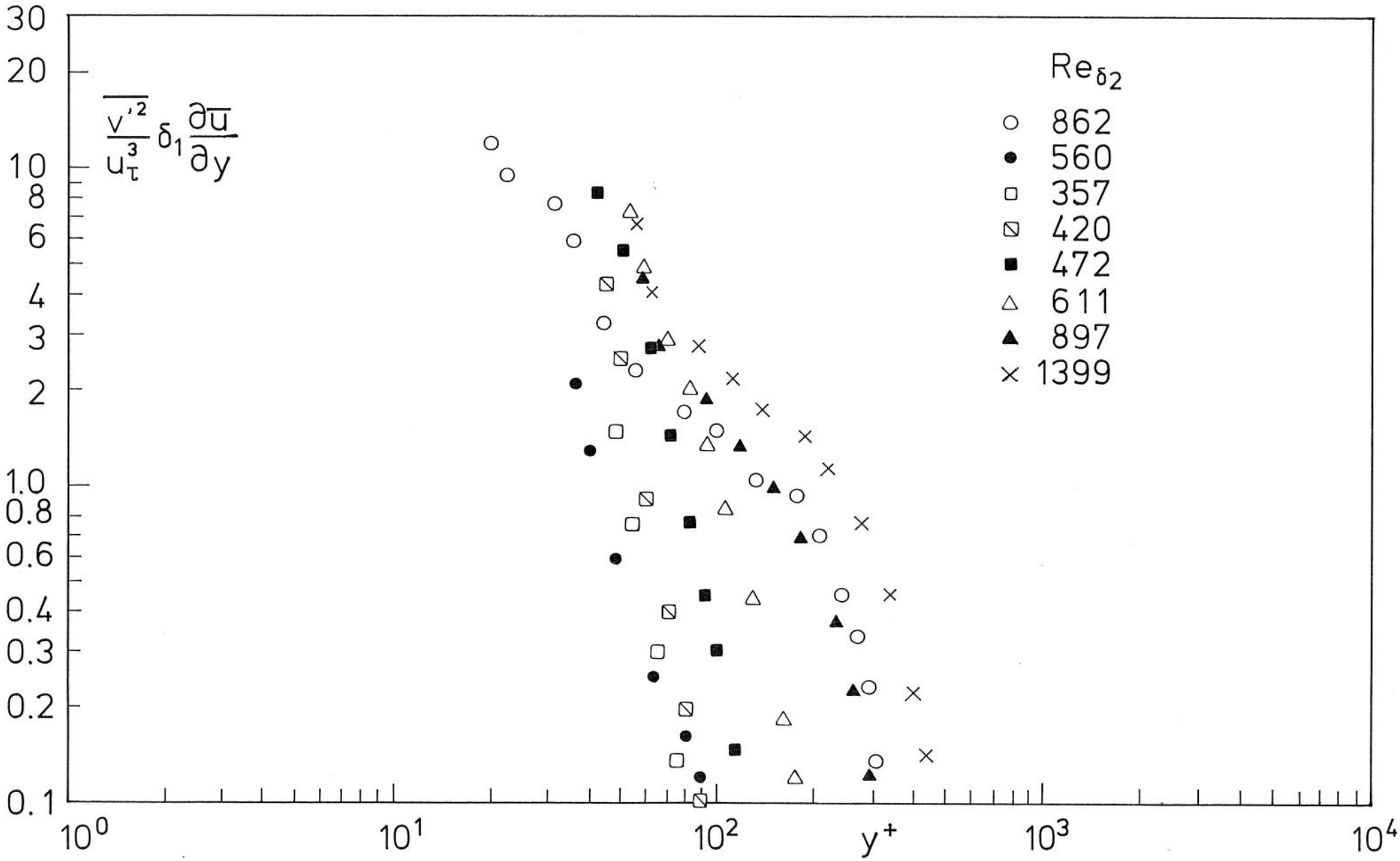
Fig 29 Pt 2

Streamwise development of the skin-friction fluctuation, the skewness and the flatness of τ_w' and the maximum value of the dimensionless Reynolds normal stress component $\overline{\rho u'^2}$ in a FPG turbulent boundary layer with "relaminarization". Case 4.



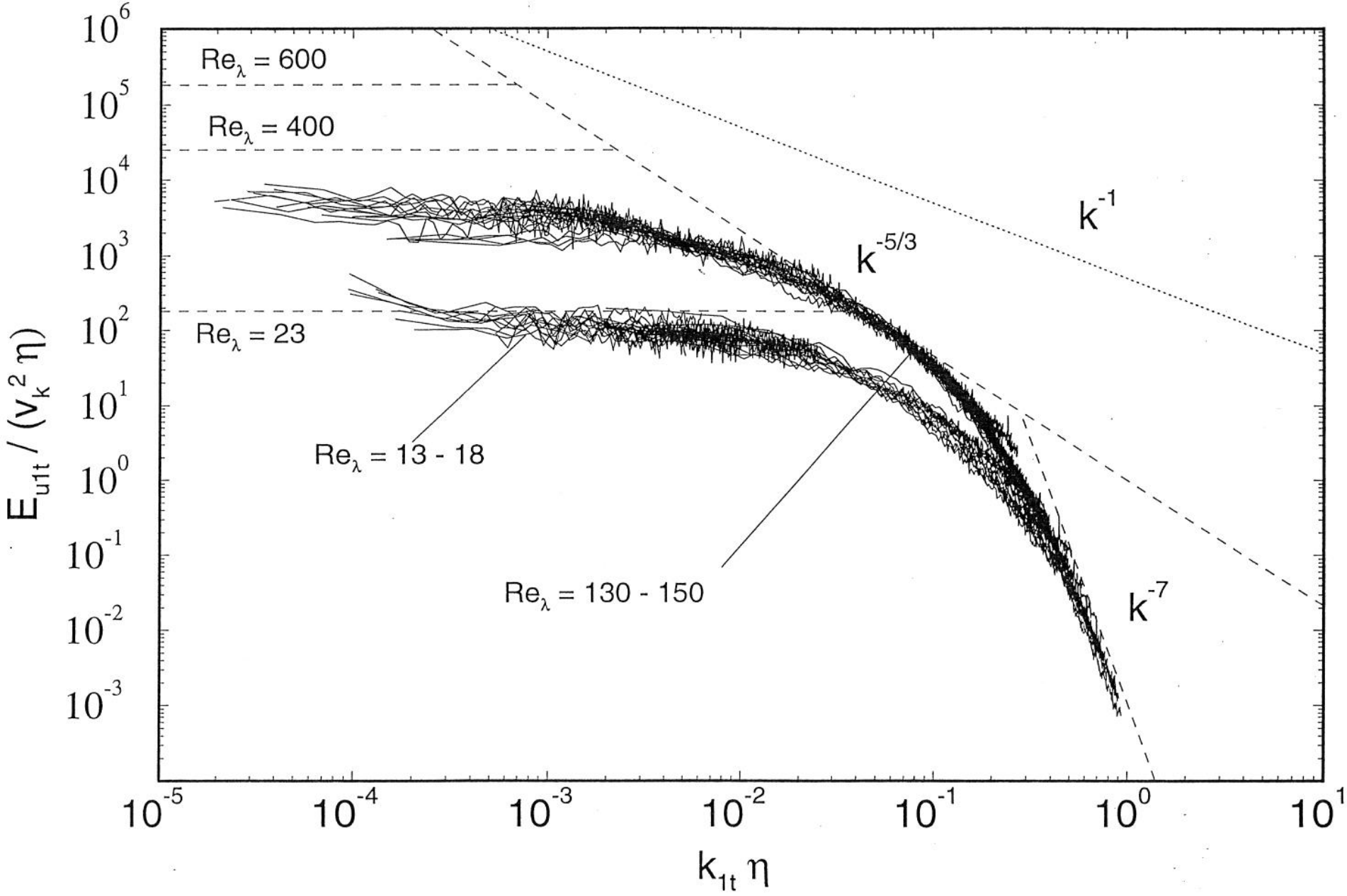
Profiles of the Reynolds normal-stress component $\overline{\rho}\,\overline{u'^2}$ in a FPG turbulent boundary layer with relaminarization. Case 4.

Fig 30 Pt 2



Distribution of the production term for the Reynolds shear stress in a FPG boundary layer with relaminarization. Case 2.

Fig 31 Pt 2



One-dimensional spectra in Kolmogorov scaling in a FPG fully turbulent boundary layer with Re_λ as a parameter. Case 1 (laminarescent). Case 2 (with relaminarization).

Fig 32 Pt 2

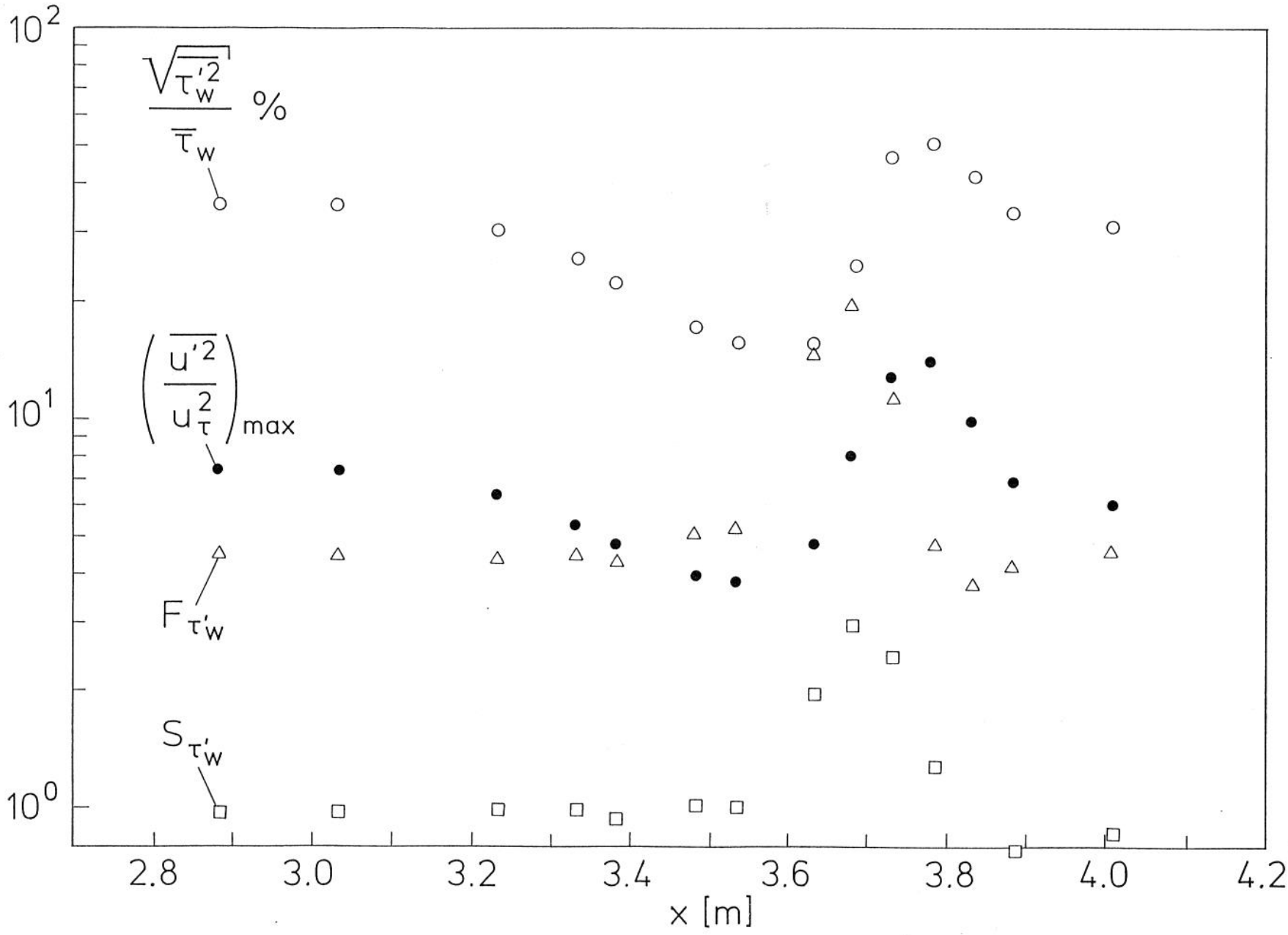
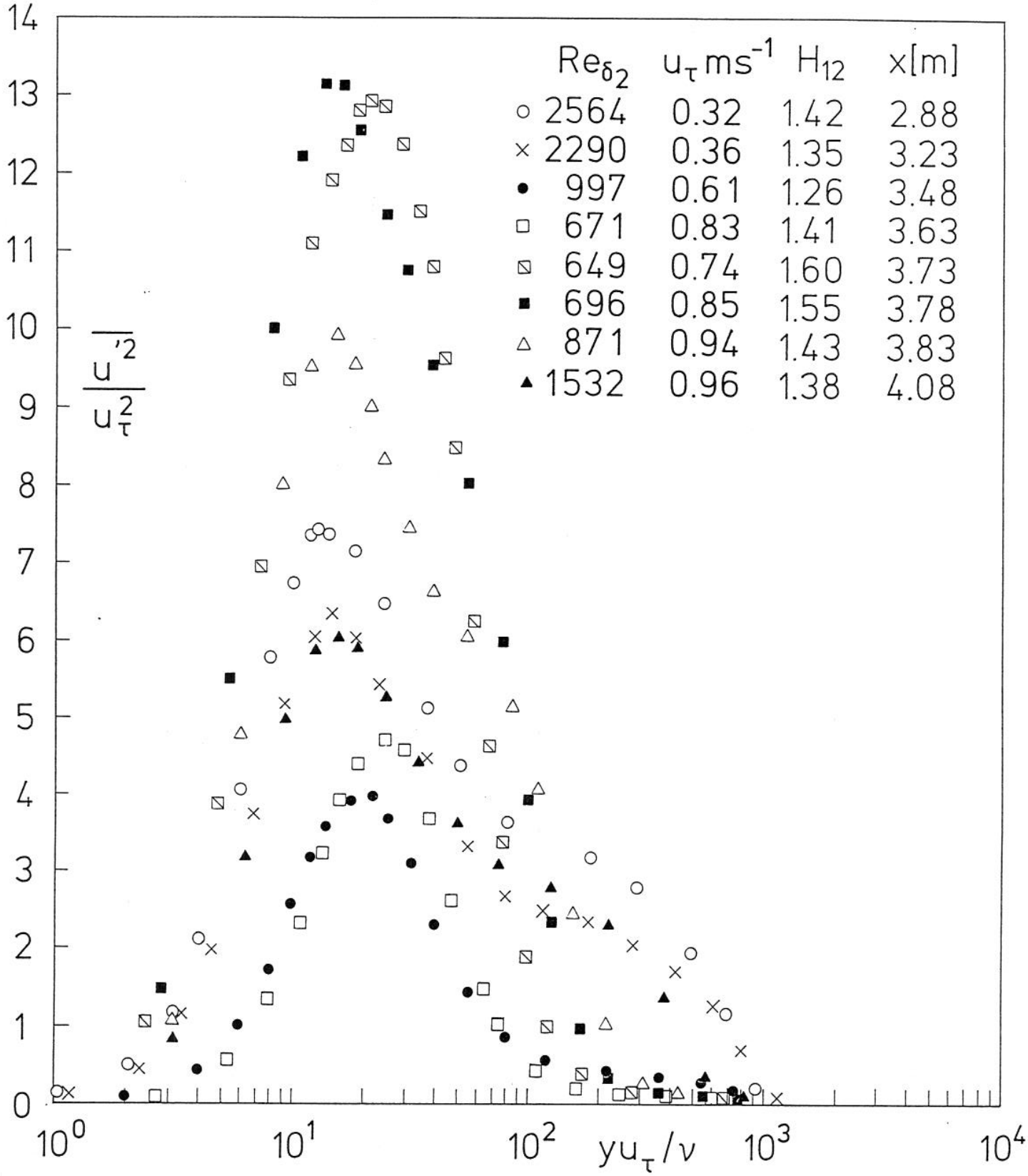


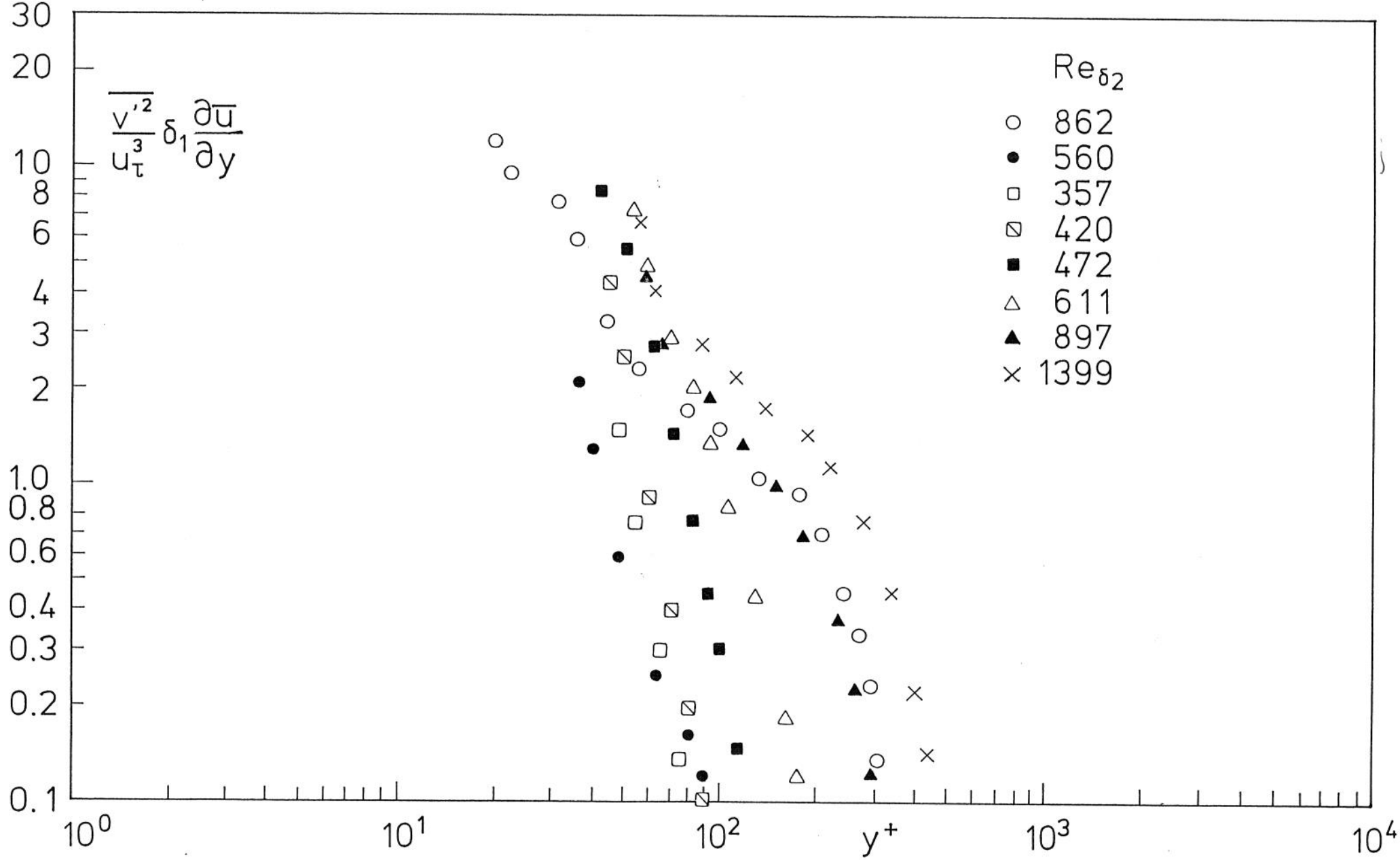
Fig 29 Pt 2

Streamwise development of the skin-friction fluctuation, the skewness and the flatness of τ_w' and the maximum value of the dimensionless Reynolds normal stress component $\overline{\rho u'^2}$ in a FPG turbulent boundary layer with "relaminarization". Case 4.



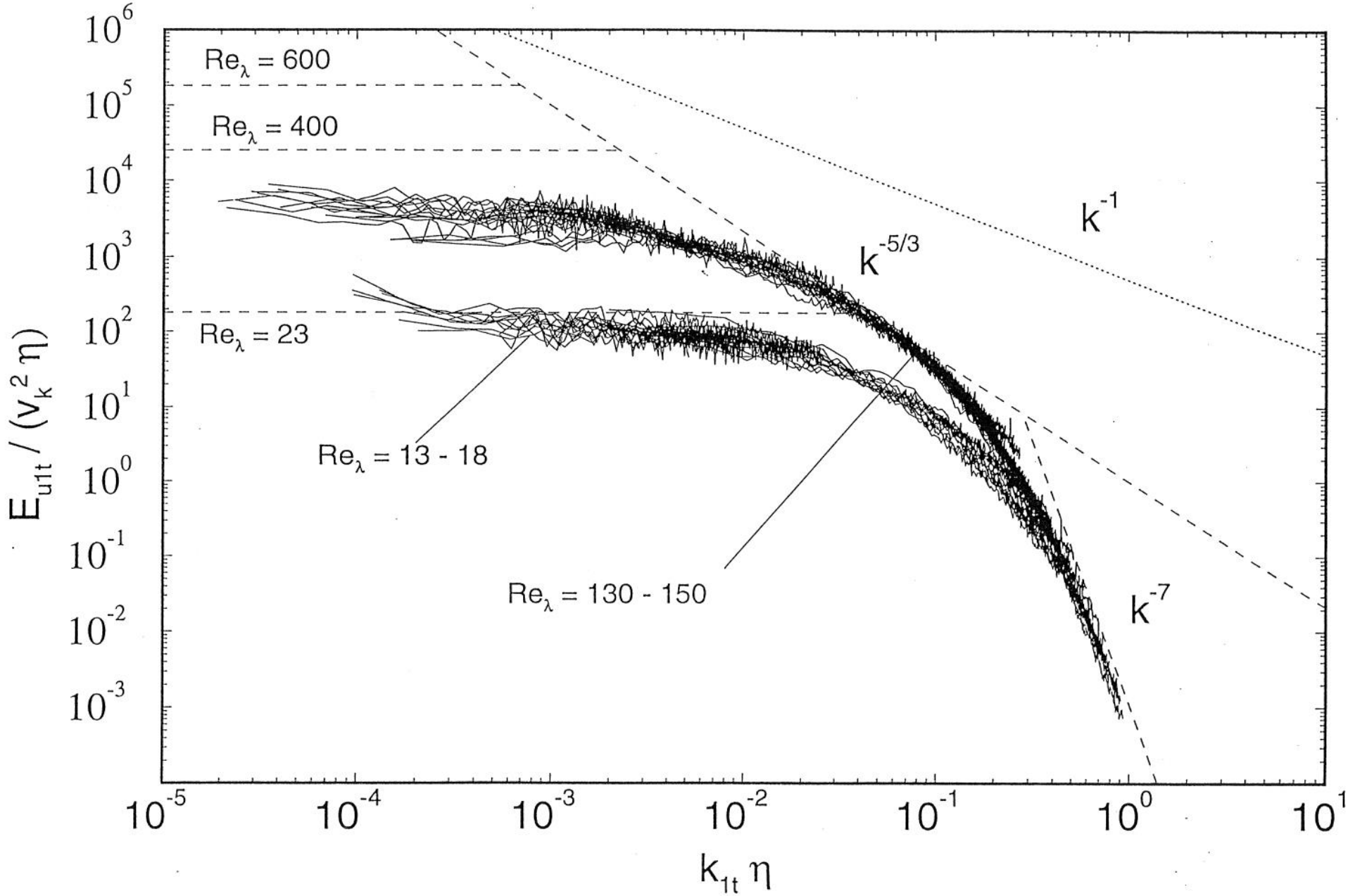
Profiles of the Reynolds normal-stress component $\overline{\rho}\,\overline{u'^2}$ in a FPG turbulent boundary layer with relaminarization. Case 4.

Fig 30 Pt 2



Distribution of the production term for the Reynolds shear stress in a FPG boundary layer with relaminarization. Case 2.

Fig 31 Pt 2



One-dimensional spectra in Kolmogorov scaling in a FPG fully turbulent boundary layer with Re_λ as a parameter. Case 1 (laminarescent). Case 2 (with relaminarization).

Fig 32 Pt 2